ASA-837-02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Prior Application: F. Tomiyama
Serial No. 09/451,912
Filed: December 1, 1999

Group Art: 2653
Examiner: T. Tran
For: MAGNETIC RECORDING DISK DRIVE

INFORMATION DISCLOSURE STATEMENT

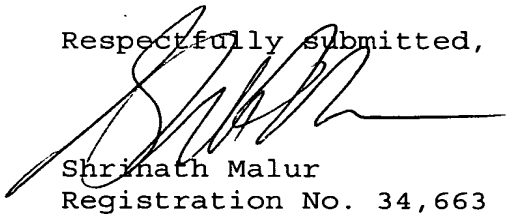
Commissioner for Patents
Mail Stop Patent Application
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure, the Applicants inform the Examiner of the documents cited during prosecution of the parent application, USSN 09/451,912.

The Applicants request the Examiner to initial and return a copy of the attached PTO-1449 form as an indication that the references have been considered.

Respectfully submitted,



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FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. ASA-837-02	SERIAL NO.
LIST OF DOCUMENTS CITED BY APPLICANT *(Use several sheets if necessary)*		APPLICANT F. TOMIYAMA et al	
		FILING DATE October 9, 2003	GROUP

U.S. PATENT DOCUMENTS

* EXAMINER INITIAL		DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE *(If Appropriate)*
	AA	5,270,880	12/1993	Ottesen et al			
	AB	6,081,397	06/2000	Belser, Karl Arnold			
	AC	5,986,845	11/1999	Yamaguchi et al			
	AD	6,215,608	04/2001	Serrano et al			
	AE	6,046,870	04/2000	Karube, Hiro			
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
	AL						☐	☐
	AM						☐	☐
	AN						☐	☐
	AO						☐	☐
	AP						☐	☐

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, etc.)*

	AR		IEEE TRANSACTIONS ON MAGNETICS, Vol. 29, No. 6, Nov. 1993, "Recording
			Asymmetries at Large Skew Angles", K. Wiesen et al, pp. 4002-4004.
	AS		IEEE TRANSACTIONS ON MAGNETICS, Vol. 26, No. 5, Sept. 1990, "A Track
			Density Model for Magnetoresistive Heads Considering Erase Bands", J.K. Lee et al, pp. 2475-2477.
	AT		IEEE TRANSACTIONS ON MAGNETICS, Vol. 34, No. 4, July 1998, "Optimal
			Track-Width Design of AMR/GMR Heads for High-Track-Density Disk Drives", F. Tomiyama et al, pp. 1970-1972.

EXAMINER	DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.